



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 27, 2018

Tonya Brown  
Product Registration, Regulatory Affairs  
BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

Subject: Notification per PRN 98-10 – Addition of disease for soybean use  
Product Name: Obvius Plus Fungicide Seed Treatment  
EPA Registration Number: 7969-426  
Application Date: 11/02/2018  
Decision Number: 545886

Dear Ms. Brown:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you have any questions, please contact Maryam K. Muhammad by phone at 703-347-0301, or via email at [Muhammad.maryam@epa.gov](mailto:Muhammad.maryam@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to be "H. Johnson", is located below the word "Sincerely,".

Hope Johnson, Product Manager 21  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs



We create chemistry

Thiophanate-methyl	Group	1	Fungicide
Metalaxyl	Group	4	Fungicide
Fluxapyroxad	Group	7	Fungicide
Pyraclostrobin	Group	11	Fungicide

# Obvius® Plus

## Fungicide Seed Treatment

### NOTIFICATION

7969-426

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

11/27/2018

### For commercial and on-farm use

**A flowable concentrate for seed treatment to control various seedborne and seedling diseases in soybean and dry beans, including chickpeas**

#### Active Ingredients:

fluxapyroxad*: 1 <i>H</i> -Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl- <i>N</i> -(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)- . . . . .	4.46%
pyraclostrobin**: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1 <i>H</i> -pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester) . . . . .	3.57%
metalaxyl***: <i>N</i> -(2,6-dimethylphenyl)- <i>N</i> -(methoxyacetyl) alanine methyl ester . . .	14.73%
thiophanate-methyl****: (dimethyl <i>N,N'</i> -[1,2-phenylenebis(iminocarbonothioyl)]bis[carbamate]) . . . . .	8.93%
<b>Other Ingredients:</b> . . . . .	68.31%
<b>Total:</b> . . . . .	100.00%

\*Contains 0.417 lb of the active ingredient fluxapyroxad per U.S. gallon

\*\*Contains 0.334 lb of the active ingredient pyraclostrobin per U.S. gallon

\*\*\*Contains 1.377 lbs of the active ingredient metalaxyl per U.S. gallon

\*\*\*\*Contains 0.835 lb of the active ingredient thiophanate-methyl per U.S. gallon

**EPA Reg. No. 7969-426**

**EPA Est. No.**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION/PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See inside booklet for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

**In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).**

### Net Contents:

BASF Corporation  
26 Davis Drive, Research Triangle Park, NC 27709

FIRST AID	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• <b>DO NOT</b> induce vomiting unless told to by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably by mouth to mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of medical emergency involving this product, call BASF Corporation at 1-800-832-HELP (4357) or dial 911.	
NOTE TO PHYSICIAN	
No specific antidote is available. Treat symptomatically.	

## Precautionary Statements

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing.

### Personal Protective Equipment (PPE)

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves including barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber\* ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils

\* Includes natural rubber blends and laminates

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## USER SAFETY RECOMMENDATIONS

### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. For terrestrial uses, **DO NOT** apply directly to water, or to areas where surface water is present, or intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. **DO NOT** contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

**DO NOT** discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing before discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or the regional office of the EPA. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

## Groundwater Advisory

Fluxapyroxad and metalaxyl have properties and characteristics associated with chemicals detected in groundwater. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

## Surface Water Advisory

Fluxapyroxad may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. Fluxapyroxad is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip

between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of fluxapyroxad from runoff water and sediment. Runoff of this product will be reduced by avoiding the planting of treated seed when rainfall or irrigation is expected to occur within 48 hours.

**Physical and Chemical Hazards**

**DO NOT** mix or allow coming in contact with oxidizing agents. Hazardous chemical reaction may occur.

If treated seed is spilled outdoors or in areas accessible to birds or endangered species, promptly clean up and dispose of (cover or collect) spilled treated seed to prevent ingestion. Dispose of all excess treated seed by burying seed away from bodies of water.

**Directions For Use**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of fungicide seed treatment application.

**DO NOT APPLY** this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

**DO NOT** mix or allow coming in contact with oxidizing agent. Hazardous chemical reaction may occur.

Unless otherwise directed in supplemental labeling, all applicable directions, restrictions, precautions, and **Conditions of Sale and Warranty** are to be followed.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and the restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **48 hours**.

**EXCEPTION:** If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Socks and shoes
- Chemical-resistant gloves made of any waterproof material

**STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food, or feed by storage or disposal.

**Pesticide Storage**

Store in original container. Keep container closed and in a secure place. Store in an area that is out of reach of children and animals, away from food, feedstuffs, fertilizers and seed. Protect from frost and freezing.

**Pesticide Disposal**

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

**Container Handling**

**Nonrefillable Container. DO NOT reuse or refill this container.** Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

(continued)

## STORAGE AND DISPOSAL *(continued)*

### Container Handling *(continued)*

#### Triple rinse containers small enough to shake

**(capacity ≤ 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

#### Triple rinse containers too large to shake

**(capacity > 5 gallons) as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable Container.** Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

**Triple rinse as follows:** To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

When this container is empty, replace the cap and seal all openings that have been opened during use; return the container to the point of purchase or to a designated location. This container must only be refilled with a pesticide product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transport. **DO NOT** transport if this container is damaged or leaking. If the container is damaged, or leaking, or obsolete and not returned to the point of purchase or to a designated location, triple rinse emptied container and offer for recycling, if available, or dispose of container in compliance with state and local regulations.

## In Case of Spill

In case of a large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

### Steps to take if this material is released into the environment or spilled:

- Wear **Personal Protective Equipment (PPE)** and avoid exposure when managing a spill. (See **Precautionary Statements** section of this label for required PPE.)
- Dike and contain the spill with inert, absorbent material (e.g., sand, earth) and transfer liquid and solid diking material to separate containers for disposal. Small-scale spills of this product (that can be cleaned up with a typical spill kit) may be applied to labeled sites.
- Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse.
- Keep spill out of all sewers and open bodies of water.

## Use Restrictions

- **DO NOT** use treated seed for food, feed or oil processing.
- **DO NOT** store **Obvius® Plus fungicide seed treatment** near feed or foodstuffs.
- **DO NOT** contaminate feed or foodstuffs.
- **DO NOT** contaminate domestic or irrigation waters.
- When applying both metalaxyl- and mefenoxam-containing products to the same crop within the same season, **DO NOT** apply more than the maximum yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop.
- **DO NOT** plant crops within 12 months after planting **Obvius Plus**-treated seed unless permitted according to the seed labeling note.
- **DO NOT** use the same auger or other seed treatment equipment for treating seed that will handle commercial or feed grains unless these have been thoroughly cleaned.
- **DO NOT** store leftover treated seed where it could be mixed with untreated seed. Store treated seed in cool, dry conditions.

## SEED CONTAINER LABEL REQUIREMENT

The Federal Seed Act requires that containers containing treated seeds shall be labeled with the following statements:

**“This seed has been treated with Obvius® Plus fungicide seed treatment, a fungicide containing pyraclostrobin, fluxapyroxad, metalaxyl, and thiophanate-methyl. DO NOT use treated seed for food, feed or oil purposes.**

**The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with fluxapyroxad, pyraclostrobin, metalaxyl, and thiophanate-methyl: Store treated seed away from food and feedstuffs. DO NOT allow children, pets or livestock to have access to treated seed. Wear long pants, long-sleeved shirt, shoes and socks, and chemical-resistant gloves made of any waterproof material when opening this bag or handling (e.g., loading, pouring) treated seed or seed pieces.**

**Treated seed exposed on soil surfaces may be hazardous to wildlife. Plant treated seed into the soil to the recommended minimum depth or greater to minimize exposure. Cover or collect treated seed spilled during loading and planting, in particular at row ends and field corners.**

**Dispose of all excess treated seed by burying seed away from bodies of water. DO NOT contaminate bodies of water when disposing of planting equipment washwater. Dispose of seed packaging or containers in accordance with local requirements. Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.**

**In the event of crop failure or harvest of a crop grown from this seed, the field may be replanted immediately with dry beans, soybean, or any other crop which has tolerances for all active ingredients: fluxapyroxad, pyraclostrobin, metalaxyl, and thiophanate-methyl. For crops without a tolerance for fluxapyroxad, the plant back interval is 12 months. For crops with tolerance for fluxapyroxad, the minimum plant back interval is 30 days from the date this seed was planted. A cover crop without one or more tolerances may be planted for purposes of erosion control or soil improvement; however, the crop may not be grazed or harvested for food or feed.”**

## Product Information

**Obvius® Plus fungicide seed treatment**, hereafter in this label referred to as **Obvius Plus**, is a liquid broad spectrum fungicide seed treatment that provides preventive seed and seedling protection from several seed-borne and soil-borne diseases.

**Obvius Plus** contains an EPA-approved dye that imparts an unnatural color to the treated seed to prevent its accidental use as a food or feed for animals. Refer to 21 CFR, Part 2.25.

Refer to the **Diseases Controlled by Obvius® Plus fungicide seed treatment** table for approved crops and associated diseases controlled by **Obvius Plus**.

### Mode of Action

**Obvius Plus** contains four active ingredients from different fungicide groups that have distinct modes of action.

- Pyraclostrobin is classified as a Target Site of Action **Group 11** fungicide.
- Fluxapyroxad is classified as a Target Site of Action **Group 7** fungicide.
- Metalaxyl is classified as a Target Site of Action **Group 4** fungicide.
- Thiophanate-methyl is classified as a Target Site of Action **Group 1** fungicide.

### Resistance Management

For resistance management, please note that **Obvius Plus** contains four active ingredients: **Group 1** (thiophanate-methyl), **Group 4** (metalaxyl), **Group 7** (fluxapyroxad), and **Group 11** (pyraclostrobin). Any fungal population may contain individuals naturally resistant to **Obvius Plus**, and other **Group 1**, **Group 4**, **Group 7**, and **Group 11** fungicides. A gradual or total loss of pest control may occur over time if fungicides from these groups are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies must be followed.

Due to the minimal amount of **Obvius Plus** applied to the seed that relocates to the upper parts of the plant and the multiple modes of action, the potential for development of resistance is extremely low. Seed treatments of **Obvius Plus** can therefore be followed by foliar use fungicides containing the same modes of action in accordance with resistance management guidelines as specified on the respective labels.

Adhere to the label use directions regarding the consecutive use of **Obvius Plus** or other target site of action **Group 1**, **Group 4**, **Group 7**, and/or **Group 11** fungicides that have a similar site of action on the same pathogens.

To delay the development of fungicide resistance:

- Rotate the use of **Obvius Plus** or other **Group 1**, **Group 4**, **Group 7** and **Group 11** fungicides within a

growing season sequence with different target site of action groups that control the same pathogens.

- Use tank mixtures with fungicides from a different target site of action group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices. **Obvius® Plus fungicide seed treatment** may be used in Agricultural Extension advisory (disease forecasting) programs, which base application timing based on environmental factors favorable for disease development. Consult your local extension specialist, certified crop advisor and/or BASF Corporation for additional IPM strategies established for your area.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development. Note efficacy of all fungicides used in the disease management program against the targeted pathogen and record other factors that may influence fungicide performance and/or disease development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact a BASF representative. You can also contact your pesticide distributor, university or local extension specialist to report resistance.

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## Application Instructions

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Seed should be well conditioned and free of chaff before treating with **Obvius Plus**. Uniform seed coverage and proper application equipment calibration is essential for good disease control. Weather conditions (hot or cold), seed type and surface, and equipment used all have a bearing on the uniformity of coverage.

When applied at the indicated rate(s), dilution with water is not necessary unless recommended by the manufacturer of the seed treatment application equipment. Consult a seed treatment specialist for calibration and operation procedures of the seed treatment equipment being used.

**Obvius Plus** may be applied using standard commercial seed treatment equipment (including, but not limited to, slurry or mist-type equipment) or on-farm seed treatment equipment. **Obvius Plus** may also be used in on-the-go type air seeder treatment systems. **DO NOT** apply directly into a planter box.

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## Tank Mixing Information

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### Tank Mix Partners

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. When using **Obvius Plus** in a tank mixture with other seed treatment products, read and follow all directions for use, crops/sites, application restrictions, dilution ratios, precautions, and limitations on the tank mix partner label. **DO NOT** exceed label dosage or application rate. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. **DO NOT** combine with any product that prohibits mixing.

### Compatibility Test for Tank Mix Components

When tank mixing **Obvius Plus**, always test compatibility before use by performing a jar test as follows:

1. Add all intended seed treatment products and the appropriate amount of water in a clear glass jar.
2. Mix well and allow to sit for one hour.
3. Remix and observe for physical incompatibility.

Also test with the seed to ensure the combination of tank mix products does not have detrimental effects on the seed.

### Mixing Order

For containers 5 gallons or less, shake well before use. For containers greater than 5 gallons, recirculate before use.

1. **Water** - Add 3/4 of the required volume of water to the mix tank and turn on agitation.
2. **Agitation** - Mechanical agitation is required for proper mixing of **Obvius Plus**.
3. **Dye or colorant**
4. **Wettable powders**
5. **Soluble powders**
6. **Flowable formulations** (such as **Obvius Plus**)
7. **Emulsifiable concentrates**
8. **Water** - Remaining 1/4 of required water volume is added last and can be used as rinsate for the chemical container or to adjust the total slurry to compensate for water displacement by powdered products.

Maintain agitation until the entire slurry mixture has been used.

Ensure seed is dry before bagging.

## Diseases Controlled by Obvius® Plus fungicide seed treatment

Crop	Target Disease	Use Rate fl ozs/100 lbs seed (lb ai/100 lbs seed)
<b>Dry Beans</b> <b><i>Cicer arietinum</i></b> chickpea <b><i>Lupinus spp.</i></b> grain lupine sweet lupine white sweet lupine white lupine <b><i>Phaseolus spp.</i></b> kidney bean lima bean mung bean navy bean pinto bean snap bean waxbean <b><i>Vicia faba</i></b> broad bean fava bean <b><i>Vigna spp.</i></b> asparagus bean blackeyed pea cowpea	<b>For control of:</b> <ul style="list-style-type: none"> <li>• Anthracnose <i>Colletotrichum</i> spp.</li> <li>• Root rot, seed rot, and seedling blight <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Pythium</i> spp. <i>Rhizoctonia solani</i></li> <li>• Seed rot <i>Aspergillus</i> spp. <i>Penicillium</i> spp.</li> <li>• Seedling blight <i>Ascochyta</i> spp.</li> <li>• Seed rot and seedling blight <i>Botrytis cinerea</i></li> </ul> <b>For suppression of:</b> <ul style="list-style-type: none"> <li>• Seed rot and seedling blight <i>Alternaria</i> spp. <i>Aspergillus</i> spp. <i>Cladosporium</i> spp. <i>Penicillium</i> spp. <i>Phomopsis</i> spp.</li> </ul>	1.53 fluxapyroxad (0.005) pyraclostrobin (0.004) metalaxyl (0.016) thiophanate-methyl (0.010)
<b>Soybean</b> ( <i>Glycine</i> spp.)	<b>For control of:</b> <ul style="list-style-type: none"> <li>• Anthracnose <i>Colletotrichum</i> spp.</li> <li>• Root rot, seed rot, and seedling blight <i>Fusarium</i> spp. <i>Phytophthora</i> spp. <i>Pythium</i> spp. <i>Rhizoctonia solani</i></li> <li>• Seed rot <i>Aspergillus</i> spp. <i>Penicillium</i> spp.</li> <li>• Seedling blight <i>Ascochyta</i> spp.</li> <li>• Seed rot and seedling blight <i>Botrytis cinerea</i></li> </ul> <b>For suppression of:</b> <ul style="list-style-type: none"> <li>• Seed rot and seedling blight <i>Alternaria</i> spp. <i>Aspergillus</i> spp. <i>Cladosporium</i> spp. <i>Penicillium</i> spp. <i>Phomopsis</i> spp.</li> </ul>	

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as the presence of other or untested or unapproved materials, seed of low quality or low vigor or low germination, use of the product in a manner inconsistent with its labeling, misapplication of the product, or weather conditions at planting or environmental conditions during seed storage, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

ST1108

*Obvius is a registered trademark of BASF.*

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007969-0426.20181102.**NVA 2018-04-570-0112**  
Supersedes: NVA 2017-04-570-0114

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Research Triangle Park, NC 27709

  
We create chemistry